共产党 is a large number coined by Tamatakon01 which is defined as follows

FOL is defined by adding a 1-ary function symbol f to the language of first order set theory with countably many variable term symbols and the set-membership relation symbol $\in$.

Let $\mathrm{Shar}(\mathrm{FOL})$ denote the power set of all well-formed formula in FOL $(+ \mathsf{ACA_0}_{\mathrm{FOL}})$ in FOL " where $\mathsf{ACA_0}_{\mathrm{FOL}}$ denotes ACA_0 written in FOL.

a binary relation $\prec$ is called super if $\prec$ satisfies the following property $$\begin{aligned}&(\forall x)[\lnot x\prec x]\land\\ &(\forall x)(\forall y)[x\prec y\lor x=y\lor y\prec x]\land\\ &(\forall x)(\forall y)(\forall z)[x\prec y\land y\prec z\to x\prec z]\land\\ &(\forall X\subseteq \mathbb{N})[(\forall x)[(\forall y\prec x)[y\in X]\to x\in X]\to(\forall x)[x\in X]]\end{aligned}$$ For any sufficiently strong theory $T \in \mathrm{Shar(FOL)}$ $$\begin{aligned}\mathrm{PTO}(T):=\sup\{\mathrm{otyp}(\prec)\mid\prec\subseteq\mathbb{N}^2\land\prec\in\Delta_0\land T\vdash\mathsf{\prec \ is \ super \ } \} \end{aligned}$$ Let a set $$\mathrm{S} = \{T \in\mathrm{Shar(FOL)} | \mathrm{PTO}(T) < \omega_1^{CK} \mathrm{and \ the \ length \ of \ T \ less \ than \ } 12\uparrow^{12}12 \ \mathrm{characters}\} \}$$. 共产党 is equal to $$\mathrm{TR}(\mathcal{T},12\uparrow^{12}12)$$ with respect to TR function where $\mathcal{T}\in \mathrm{S}$ is a theory such that $$\forall \mathcal{C}\in \mathrm{S} \backslash \{\mathcal{T}\}, \mathrm{TR}(\mathcal{T},12\uparrow^{12}12) > \mathrm{TR}(\mathcal{C},12\uparrow^{12}12)$$